



# EPIDEMIOLOGY & SURVEILLANCE

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## Influenza Surveillance Report: Collin County MMWR Week 13 (March 25, 2018-March 31, 2018) Influenza Report as of April 6, 2018

### Overview

#### Collin County

- The percentage of positive influenza tests in Collin County decreased.
  - The number of patient visits to health care facilities due to influenza-like illness (ILI) decreased from 2.1% to 1.8% during week 13.
  - 2.2% of absenteeism in Collin County Independent School Districts was due to ILI.
  - No influenza-associated pediatric deaths were reported this week. Total this season: 0
- Influenza reporting in Collin County is voluntary.*

#### Texas

- Influenza activity in Texas decreased.
- 3.9% of patient visits to health care facilities were due to ILI, which is below baseline (6.3%).
- 2 influenza-associated pediatric deaths were reported this week. Total this season: 14

#### United States

- Influenza activity in the United States decreased.
- 2.4% of patient visits to health care facilities were due to ILI, which is above baseline (2.2%).
- 5 influenza-associated pediatric deaths were reported this week. Total this season: 142

### Influenza Activity

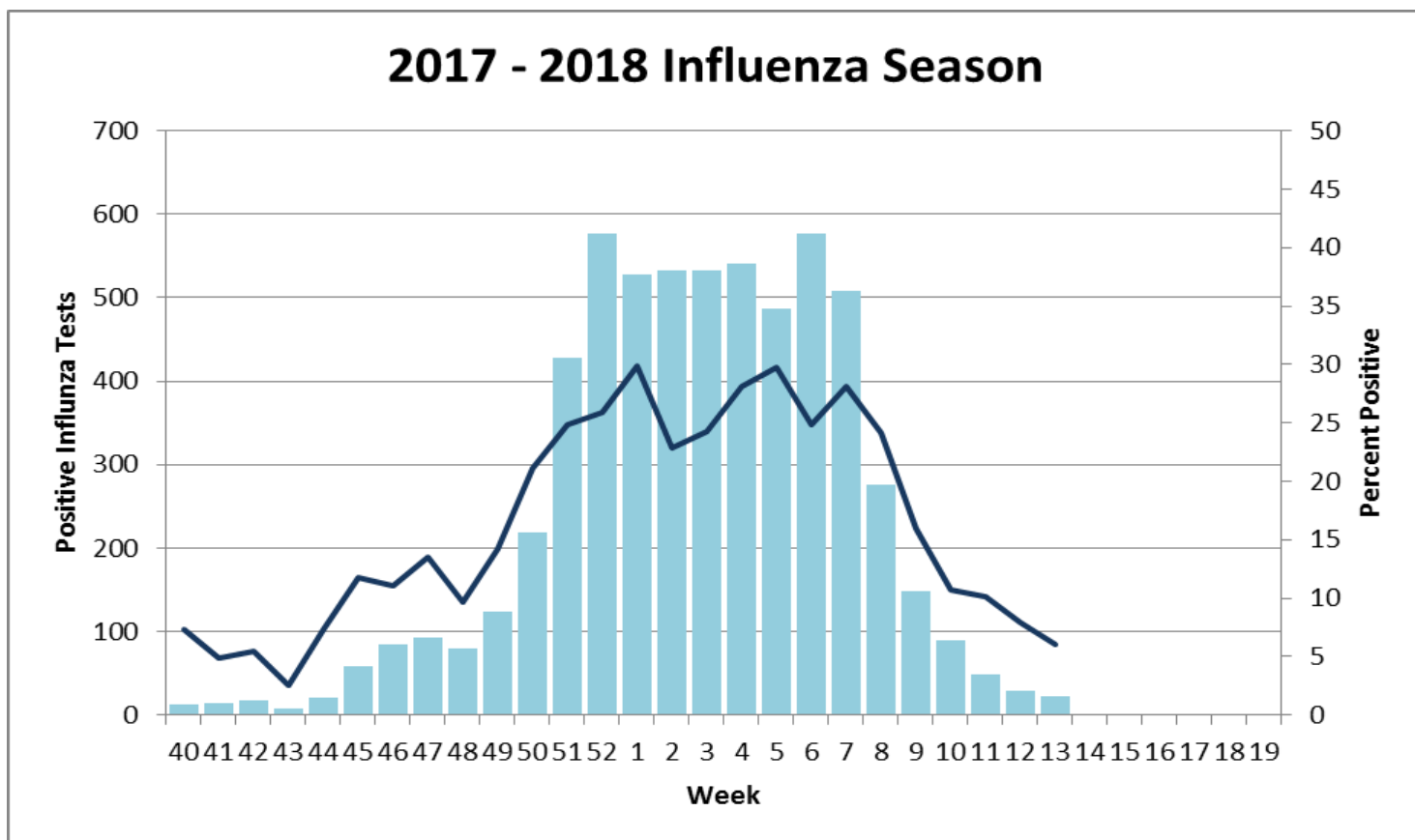
The following tables demonstrate the number of individuals who were tested by their healthcare provider for influenza and the total number of tests that were positive. Reporting influenza testing is voluntary. The numbers displayed below represent the totals reported by participating healthcare facilities. Table I. displays the number of individuals tested for influenza and how many of those were positive for week 13. Table II. Shows the cumulative totals for the prior weeks and breaks down the current week. Figure I. below displays the number of positive influenza cases for the current 2017-2018 flu season by MMWR week.

**Table I. Overview of Individuals Tested for Week 13**

Influenza Like Illness	Total Individuals Tested	Total Positive	Percent Positive
338	382	23	6.0%

Table II. Influenza Test Results; Number and Percent by Testing Method		
	Season to Date	Current Week
Total Individuals Tested	28083	382
Total Positive Tests	6049 (21.5%)	23 (6.0%)
Positive Rapid Type A	3752 (62.0%)	6 (26.1%)
Positive Rapid Type B	2316 (38.3%)	14 (60.9%)
Positive Rapid Type A and B	12 (0.2%)	2 (8.7%)
Positive Rapid Undifferentiated	0 (0.0%)	0 (0.0%)
Positive PCR/Culture Type A	46 (0.8%)	0 (0.0%)
Positive PCR/Culture Type B	41 (0.7%)	1 (4.3%)

Figure I. Number of Positive Influenza Cases for Collin County by MMWR Week 13



### Independent School Districts Influenza Activity

Independent School Districts in Collin County that submitted the absenteeism surveillance for week 13 reported an absenteeism rate of 3.8% of which 2.2% was due to influenza-like illness.

## **Additional Sources**

For more information of influenza and influenza surveillance please visit these helpful sites:

Texas Influenza Information: <http://www.dshs.state.tx.us/idcu/disease/influenza/>

Centers for Disease Control and Prevention: <https://www.cdc.gov/flu/#>

If you have any questions or comments regarding influenza reporting or about this report, please contact:

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Collin County receives influenza activity reports from healthcare providers and schools. Influenza reporting is optional for these facilities. If you are a healthcare provider or school and would like to report influenza activity at your facility please visit our website for reporting forms at [http://www.collincountytx.gov/healthcare\\_services/Pages/influenza.aspx](http://www.collincountytx.gov/healthcare_services/Pages/influenza.aspx)

### **Information in this report was obtained from:**

Centers for Disease Control and Prevention. (6 April, 2018). Weekly U.S. Influenza Surveillance Report Fluvview  
Retrieved from: <http://www.cdc.gov/flu/weekly/>

Texas Department of State Health Services. (6 April, 2018). 2017 – 2018 Texas Influenza Surveillance Activity Retrieved from: <http://www.dshs.texas.gov/IDCU/disease/influenza/surveillance/2017---2018-Texas-Influenza-Surveillance-Activity-Report.xls>